

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows, noting that all pending, non-withdrawn claims are included herein for the convenience and efficiency of examination, and that only those claims so indicated as amended are being amended herein:

1. (Currently Amended) A positive temperature coefficient of resistance current limiting assembly comprising:

a positive temperature coefficient of resistance current limiting device having a body having a socket therein in a side thereof, a capacitor disposed on the same side of said body as said socket and a positive temperature coefficient of resistance resistor,

at least one male conductive terminal in the socket of the body for receiving the corresponding a female conductive connection element on the an electrically isolated plug, said socket being adapted to receive a connection end of an said electrically isolated plug, said plug having a female conductive connection element within an insulating open-ended sheath, said socket being adapted to receive the female connection element and at least a portion of said open-ended sheath, and

said male conductive terminal having an end disposed in the socket below said side and being inside said socket sufficiently so that when said electrically isolated plug is fully received into said socket and said female conductive connection element received onto said male conductive terminal, at least a portion of said sheath is inside said socket; and

an engagement member on the body of the positive temperature

coefficient of resistance current limiting device.

2. (Currently Amended) The assembly of Claim 1, ~~further comprising a~~ wherein the capacitor ~~having~~ has at least one male connector and there is at least one female receptacle on the positive temperature coefficient of resistance current limiting device for receiving the at least one male connector of the capacitor.

3. (Previously Presented) The assembly of Claim 1 wherein the electrically isolated plug further comprises a flexible arm with a locking tab of a size and shape such that the upper surface of the locking tab can be retainingly secured against the underside of the engagement member.

4. (Previously Presented) The assembly of Claim 3 wherein the flexible arm can be flexed so as to release the locking tab from pressing up against the underside of the engagement member.

5. (Previously Presented) The assembly of Claim 1, wherein the male connection terminal in the socket on the positive temperature coefficient of resistance current limiting device is electrically isolated from adjoining conductive parts when said electrically isolated plug is fully received into said socket and said female conductive connection element received onto said male conductive terminal with at least a portion of said sheath inside said socket.

6. (Previously Presented) The assembly of Claim 1, wherein there are at least two sockets and at least two respectively corresponding male terminals, each of the two sockets on the positive temperature coefficient of resistance current limiting device being

of a different size to fit different sized plugs to facilitate connection of the correct plug to the correct male conductive terminal.

7. (Previously Presented) The assembly of Claim 1, wherein the male conductive terminal is attached to at least one plate made of conductive material.
8. (Previously Presented) The assembly of Claim 1, wherein the male conductive terminal is attached to at least one plate made of conductive material by means of welding.
9. (Previously Presented) The assembly of Claim 1, wherein the male conductive terminal is attached to at least one plate made of conductive material by means of soldering.
10. (Currently Amended) The assembly of Claim 1 wherein said at least one male conductive terminal is attached to a portion of a plate from which a previously existing male conductive terminal has been cuttingly removed.